

Platon Comfort Floor Membrane Platon Comfort Tape



Description

Platon Comfort is a thin polypropylene cavity membrane that has been developed for use over subfloors where isolation from residual moisture is required, e.g. new screeds or concrete floor slabs. Moisture sensitive floor coverings are protected by the water vapour resistance of the membrane which can be applied when humidity is as high as 95% RH or with 5% constructional moisture content.

Benefits:

- Humidity protection
- Walking comfort and sound reduction
- Flooring finishes can be applied after reduced waiting times
- Improved interior environment
- Suitable for use with underfloor heating

The overall membrane thickness of 2.5mm means that effective protection can be provided without undue intrusion or disruption to the planned floor layer build-up.

Platon Comfort can be overlaid with:

- Laminate or engineered timber flooring
- Chipboard or plywood
- Insulation, underfloor heating or screed

The unique stud design improves walking comfort and impact sound reduction due to dynamic expansion and contraction. The studs 'give' a little when subjected to a load and consequently impact noise is reduced by 17-19 dB(A).

Usage

Platon Comfort is used when constructional, residual moisture is present. Permanent moisture requires the use of alternative Platon Sealing Tapes, or other Platon Membranes, contact our technical department for advice.

The studded profile of the membrane provides an air gap pathway that allows moisture vapour to escape to the edges of the floor.

Platon Comfort allows for fast return to service when over laying with moisture sensitive flooring materials, it also acts as an effective de-coupling layer that can be used on existing or new floors to deal with substrate movement and cracking.

- Platon Comfort is tough and pliable and is easily manipulated to form upstands etc.
- Platon Comfort is not suitable for waterproofing use
- Jointing of the membrane is carried out using Comfort Tape

Technical data: Platon Comfort

Raw material:	Polypropylene
Sheet thickness:	nominal 0.50mm
Stud height:	Approx. 2.0mm
Construction height:	Approx. 2.5mm
Unit weight:	0.45 kg/m ²
Working temperature:	5-45°C
Water vapour resistance:	300m equivalent air layer
Colour:	Grey
Storage:	Rolls to be stored upright and under cover
Roll Size:	1.0m x 20m
Cushioning effect:	Ca. 20% (DIN 18032-2)
Thermal conductivity:	Ca. 0.048 W/m.K (EN12664)
Floor heating:	More than 1° higher surface temperature than traditional underlay

Technical data: Platon Comfort Tape

Raw material:	Acrylic coated woven polyethylene cloth
Thickness:	0.28mm
RH % limit:	max.100 kg/m ³
Colour:	Grey
Roll Size:	75mm x 18m

Installation:

Platon Comfort jointed with Comfort Tape is suitable for damp-proofing only and when there is no permanent source of moisture. Where permanent moisture is present, use Platon Overtape or Platon Cornerstrip Tape.

Regular hand tools: craft knife, straight edge and tape measure are used. No special equipment needed.

Existing Floors:

Scrape the surface clean, remove mortar 'snots', loose tiles, vinyl flooring, carpet etc. Vacuum clean to remove grit and dust. Floors must be level, flat and sound.

New Floors:

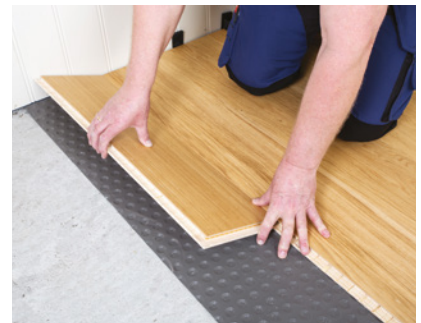
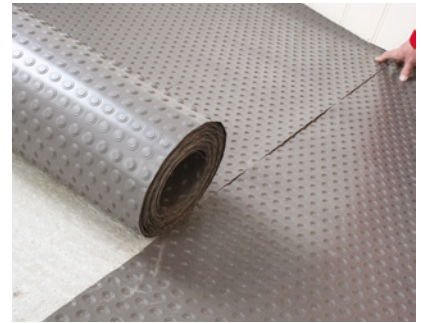
Allow the concrete or screed to set hard enough to walk on. Vacuum clean to remove grit and dust. Apply a moisture resistant levelling compound if the floor is very coarse or uneven. Comfort can be laid when the RH is 95% or less.

All Floors:

Roll out lengths of Platon Comfort, stud downward, side by side, edges abutting (not overlapping). Press Comfort Tape over the joint. Leave a 5mm gap around the room perimeter.

Platon Comfort is loose laid; no adhesives or mechanical fixings are required.

Protect the membrane from damage and cover as soon as possible after installation.

**Roll Sizes & Ancillaries:**

Platon Comfort:	1.0m x 20m
Platon Comfort Tape:	75mm x 18m
Platon Overtape:	115mm x 25m
Platon Cornerstrip Tape:	150mm x 10m

Chemical Resistance

Platon Comfort is unaffected by moisture, chemical salts or cement/concrete.

Triton Contact Details:

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